



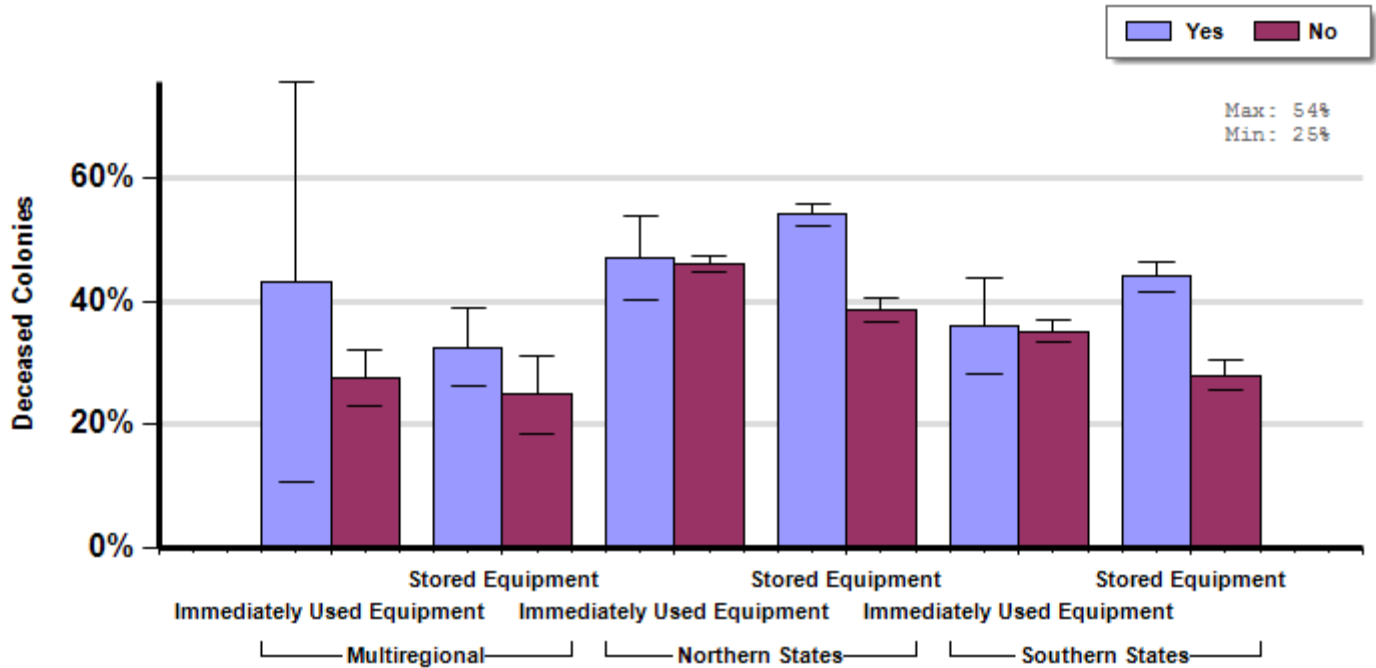
Dead Out Equipment Use By Region

Winter

Average winter colony mortality reported by beekeepers who stored or did not store their equipment between April and March, by region.

Report ID: 68-2015

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern operations who stored dead out equipment before reuse saw 15 fewer overwintering colony deaths out of 100 managed colonies (27.8% fewer losses) than northern operations who did not report storing equipment. Also, southern operations who stored equipment before reuse lost 16 fewer overwintering colonies out of 100 managed colonies (36.4% fewer losses) than southern operations who did not report storing equipment before reuse.

Survey Question

Generally, when you found a dead and/or weak colony in your operation over the last year you would:

- Immediately replace the dead colony by splitting frames of bees/brood from other strong colonies into the dead out equipment
- Pack up the dead equipment and store it for re-use at a later date
- A mixture of both, I immediately replaced some and packed up others
- Did not find dead colonies
- Other, please specify

			Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
					Mean	Standard Error	Mean(%) [Lower, Upper] CI
Multiregional	Immediately Used Equipment	Yes	7	4,787	683.9	674.0	43 [10.7, 75.9]
		No	128	232,616	1817.3	556.1	28 [23.0, 32.2]
	Stored Equipment	Yes	62	150,104	2421.0	1058.0	33 [26.2, 38.9]
		No	73	87,299	1195.9	383.0	25 [18.5, 31.2]
Northern States	Immediately Used Equipment	Yes	108	1,008	9.3	2.4	47 [40.1, 54.0]
		No	2,689	46,884	17.4	4.2	46 [44.7, 47.5]
	Stored Equipment	Yes	1,339	20,971	15.7	5.1	54 [52.4, 56.0]
		No	1,458	26,921	18.5	6.1	39 [36.8, 40.7]
Southern States	Immediately Used Equipment	Yes	64	1,437	22.5	9.1	36 [28.1, 44.0]
		No	1,334	54,669	41.0	15.2	35 [33.3, 36.9]
	Stored Equipment	Yes	623	27,031	43.4	21.3	44 [41.6, 46.6]
		No	775	29,075	37.5	19.8	28 [25.6, 30.4]

Comments About This Data

Relevant Links, References, and Citations



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